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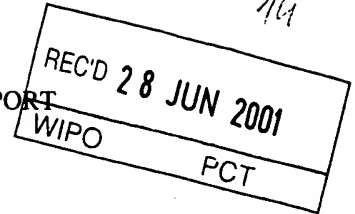
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# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)



Applicant's or agent's file reference 1110-297.PCT	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/28817	International filing date (day/month/year) 19 OCTOBER 2000	Priority date (day/month/year) 22 OCTOBER 1999
International Patent Classification (IPC) or national classification and IPC IPC(7): B62D 35/00 and US Cl.: 296/190.02, 65.01		
Applicant MACK TRUCKS, INC.		

1.	This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2.	This REPORT consists of a total of <u>3</u> sheets.  <input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).  These annexes consist of a total of <u>0</u> sheets.
3.	This report contains indications relating to the following items:  I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of report with regard to novelty, inventive step or industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application

Date of submission of the demand  24 APRIL 2001	Date of completion of this report  02 JUNE 2001
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer  JOSEPH D. PAPE <i>Diane Smith</i>
Facsimile No. (703) 305-3230	Telephone No. (703) 308-1113

**I. Basis of the report****1. With regard to the elements of the international application:\***

- ☒ the international application as originally filed  
☒ the description:  
pages: 1-12 as originally filed  
pages: NONE filed with the demand  
pages: NONE filed with the letter of \_\_\_\_\_
- ☒ the claims:  
pages: 13-18 as originally filed  
pages: NONE as amended (together with any statement) under Article 19  
pages: NONE filed with the demand  
pages: NONE filed with the letter of \_\_\_\_\_
- ☒ the drawings:  
pages: 1-15 as originally filed  
pages: NONE filed with the demand  
pages: NONE filed with the letter of \_\_\_\_\_
- ☒ the sequence listing part of the description: NONE as originally filed  
pages: NONE filed with the demand  
pages: NONE filed with the letter of \_\_\_\_\_

**2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.**  
These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b))  
☐ the language of publication of the international application (under Rule 48.3(b)).  
☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and or 55.3).

**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international**

- ☐ contained in the international application in printed form  
☐ filed together with the international application in computer readable form  
☐ furnished subsequently to this Authority in written form  
☐ furnished subsequently to this Authority in computer readable form  
☐ The statement that the subsequently furnished written sequence listing does not correspond to the international application as filed has been furnished  
☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

**4. ☒ The amendments have resulted in the cancellation of**

- ☒ the description, pages: NONE  
☒ the claims, Nos. NONE  
☒ the drawings, sheets-fig. NONE

**5. ☐ This report has been drawn as if (some of) the amendment had not been made since this has been beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 41.3).**

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\*Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/28817

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. statement**

Novelty (N)	Claims	<u>1-38</u>	YES
	Claims	<u>NONE</u>	NO
Inventive Step (IS)	Claims	<u>1-38</u>	YES
	Claims	<u>NONE</u>	NO
Industrial Applicability (IA)	Claims	<u>1-38</u>	YES
	Claims	<u>NONE</u>	NO

**2. citations and explanations (Rule 70.7)**

Claims 1-38 the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a sleeping compartment having a seat arrangement with the seat back mounted on a sidewall and a seat bottom moveable from being adjacent to the sidewall and extending horizontally from the sidewall. Also, the recitation of the specific sleeping compartment bed arrangement and the fabrication method are not taught or fairly suggested by the prior art of record.

----- NEW CITATIONS -----

NONE

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: GEORGE R. REPPER  
 ROTHWELL, FIGG, ERNST & MANBECK, P.C.  
 555 13TH STREET, N.W.  
 SUITE 701-E  
 WASHINGTON DC 20004

## PCT

### NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

<p style="text-align: center;">FEB - 1 2001</p> <p style="text-align: center;">REFERRED TO          FILE NO. 1110-297PCT          OK TO FILE</p>	<p>Date of Mailing          (day/month/year) <b>30 JAN 2001</b></p>
<p>Applicant's or agent's file reference          1110-297.PCT</p>	<p><b>FOR FURTHER ACTION</b> See paragraphs 1 and 4 below</p>
<p>International application No.          PCT/US00/28817</p>	<p>International filing date          (day/month/year)          19 OCTOBER 2000</p>
<p>Applicant          MACK TRUCKS, INC.</p>	

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.  
**Filing of amendments and statement under Article 19:**  
 The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):  

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland  
 Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.
  
2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.
  
3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
 

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.  
☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.
  
4. **Further action(s):** The applicant is reminded of the following:  

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90 bis 1 and 90 bis 3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

<p>Name and mailing address of the ISA/US          Commissioner of Patents and Trademarks          Box PCT          Washington, D.C. 20231</p>	<p>Authorized officer          JOSEPH D. PAPE <i>Diane Smith for</i></p>
<p>Facsimile No. (703) 305-3230</p>	<p>Telephone No. (703) 308-1113</p>

## NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty and of the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

### INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

#### What parts of the international application may be amended ?

The claims only.

The description and the drawings may only be amended during international preliminary examination under Chapter II.

**When ?** Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

#### Where not to file the amendments ?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

**How ?** Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

#### What documents must/may accompany the amendments ?

##### Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confounded with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1110-297.PCT	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US00/28817	International filing date (day/month/year) 19 OCTOBER 2000	(Earliest) Priority Date (day/month/year) 22 OCTOBER 1999
Applicant MACK TRUCKS, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

## INTERNATIO SEARCH REPORT

International application No.  
PCT/US00/28817

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) :B62D 35/00 US CL :296/190.02, 65.01 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 296/190.02, 65.01, 190.01, 190.08, 65.05, 63  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,029,929 A (SJOSTROM et al.) 09 July 1991, see entire document.	18
X	US 5,638,560 A (RIGDON et al.) 17 June 1997, see entire document.	18
A	US 4,215,899 A (SCHMIDT et al.) 05 August 1980.	
A	US 3,879,081 A (HOCKLEY et al.) 22 April 1975.	
A	US 4,664,438 A (CREPALDI) 12 May 1987.	
A	US 2,472,185 A (APEL) 07 June 1949.	
A	US 2,857,977 A (BOCK) 28 October 1958.	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
*A* document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
*E* earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	* & * document member of the same patent family	
*O* document referring to an oral disclosure, use, exhibition or other means		
*P* document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 16 JANUARY 2001	Date of mailing of the international search report 30 JAN 2001	
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer JOSEPH D. PAPE <i>Dane Smith f</i> Telephone No. (703) 308-1113	



## INTERNATIO SEARCH REPORT

International application No.  
PCT/US00/28817

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,527,828 A (GROCE et al.) 09 July 1985.	
A	US 4,832,404 A (BAYMAK et al.) 23 May 1989.	

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/28817

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :B62D 35/00

US CL :296/190.02, 65.01

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 296/190.02, 65.01, 190.01, 190.08, 65.05, 63

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,029,929 A (SJOSTROM et al.) 09 July 1991, see entire document.	18
X	US 5,638,560 A (RIGDON et al.) 17 June 1997, see entire document.	18
A	US 4,215,899 A (SCHMIDT et al.) 05 August 1980.	
A	US 3,879,081 A (HOCKLEY et al.) 22 April 1975.	
A	US 4,664,438 A (CREPALDI) 12 May 1987.	
A	US 2,472,185 A (APEL) 07 June 1949.	
A	US 2,857,977 A (BOCK) 28 October 1958.	

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*A* document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
*E* earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*G* document member of the same patent family
*O* document referring to an oral disclosure, use, exhibition or other means	
*P* document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

16 JANUARY 2001

Date of mailing of the international search report

30 JAN 2001

Name and mailing address of the ISA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

JOSEPH D. PAPE

Telephone No. (703) 308-1113

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/28817

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,527,828 A (GROCE et al.) 09 July 1985.	
A	US 4,832,404 A (BAYMAK et al.) 23 May 1989.	

## PATENT COOPERATION TREATY

10/089232

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

To:

REPPER, George, R.  
Rothwell, Figg, Ernst & Manbeck,  
P.C.  
Suite 800,  
1425 K Street, N.W.,  
Washington, DC 20005  
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year)

24 April 2002 (24.04.02)

Applicant's or agent's file reference

1110-297.PCT

## IMPORTANT NOTIFICATION

International application No.

PCT/US00/28817

International filing date (day/month/year)

19 October 2000 (19.10.00)

## 1. The following indications appeared on record concerning:

☐ the applicant ☐ the inventor ☒ the agent ☐ the common representative

Name and Address

REPPER, George, R.  
Rothwell, Figg, Ernst & Manbeck,  
P.C.  
555 13th Street, N.W., Suite 701-E  
Washington, DC 20004  
United States of America

State of Nationality

State of Residence

Telephone No.

202 783 6040

Facsimile No.

202 783 6031

Teleprinter No.

## 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person ☐ the name ☒ the address ☐ the nationality ☐ the residence

Name and Address

REPPER, George, R.  
Rothwell, Figg, Ernst & Manbeck,  
P.C.  
Suite 800,  
1425 K Street, N.W.,  
Washington, DC 20005  
United States of America

State of Nationality

State of Residence

Telephone No.

202 783 6040

Facsimile No.

202 783 6031

Teleprinter No.

## 3. Further observations, if necessary:

## 4. A copy of this notification has been sent to:

☒ the receiving Office ☐ the designated Offices concerned  
☐ the International Searching Authority ☒ the elected Offices concerned  
☐ the International Preliminary Examining Authority ☐ other:

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Jocelyn JEANNEROT

Telephone No.: (41-22) 338.83.38

## PATENT COOPERATION TREATY

PCT

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner  
 US Department of Commerce  
 United States Patent and Trademark  
 Office, PCT  
 2011 South Clark Place Room  
 CP2/5C24  
 Arlington, VA 22202  
 ETATS-UNIS D'AMERIQUE  
 in its capacity as elected Office

Date of mailing (day/month/year)

19 July 2001 (19.07.01)

International application No.

PCT/US00/28817

Applicant's or agent's file reference

1110-297.PCT

International filing date (day/month/year)

19 October 2000 (19.10.00)

Priority date (day/month/year)

22 October 1999 (22.10.99)

Applicant

MILENOVICH, Milen

1. The designated Office is hereby notified of its election made:



in the demand filed with the International Preliminary Examining Authority on:

24 April 2001 (24.04.01)



in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Odile ALIU

Telephone No.: (41-22) 338.83.38